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Patent claims

1. A computer-aided method for parallel calculation of the operating point of electrical circuits,
- 5 - in which the circuit is partitioned into a number of partitions in a first step,
- characterized in that
- the charging method is used for the parallel calculation of the individual partitions, a dynamic element (C, L)
- 10 being provided at each node of the circuit.
2. The computer-aided method as claimed in claim 1, characterized in that each node of the circuit is connected to in each case a predetermined value having in each case a
- 15 potential by means of in each case one capacitance so that an operating point of the modified circuit can be calculated.
3. The computer-aided method as claimed in claim 2, characterized in that a capacitance having the same value
- 20 (C0) is provided at each node of a partition.
4. The computer-aided method as claimed in claim 2 or 3, characterized in that each node of a partition is connected
- 25 to the same potential by means of a capacitance.
5. The computer-aided method as claimed in claim 2, characterized in that a capacitance having the same value
- (C0) is provided at each node of all partitions.
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6. The computer-aided method as claimed in claim 2 or 5, characterized in that

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each node of all partitions is connected to the same potential by means of a capacitance.

5 7. The computer-aided method as claimed in one of claims 2 to 5, characterized in that the potential is connected to ground.

10 8. The computer-aided method as claimed in one of claims 2 to 6, characterized in that  
- the operating point of the circuit is calculated in each case with a suitable step-by-step change in the value of (C) of the capacitance, and  
- this step is repeated until the values of the capacitances are almost zero.

15 9. A computer program product which can be loaded into a main memory of a computer system, with a software code for carrying out the method according to one of the preceding claims when the computer program product is running on a  
20 computer system.

10. A data carrier with a computer program product as claimed in claim 9.

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